

Nano-BlockTM - Dust Suppression additive



- * Environmentally safe – non-toxic
- * A bio-degradable natural polymer
- * VERY cost-effective



- Best on the market for 'cost/square metre/per month'
- Performance that matches non-enviro-friendly substances
- Applicable and effective for most Dust Suppression needs:
- Suitable for most fog cannons, misting devices and spray equipment
- Save big on water usage

Contact us:

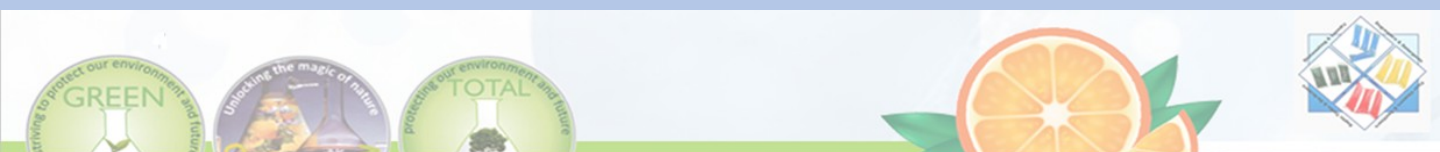


Gurumanzi (Pty) Ltd

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PRODUCT DATA SHEET

540XA / 850XA NANO POLYMER DUST SUPPRESSANT

PROPERTIES:

Appearance; White or pink opaque liquid
pH; 7,5 – 8,5
S.G; 1,07

FEATURES:

Powerful **surface-active nano-polymer** blend for suppression and control of dust emissions at **minute levels of concentration**.
Effectively and economically **penetrates and agglomerates dust lines**, creating a safer and healthier working environment.
Has application in underground and surface mining of coal, limestone, phosphate, iron ore, mine coal ash, asphalt plants and quarries. It is also excellent in controlling dust created from crushers, grinders, conveyors, feeders, hoppers, breakers, haul roads and any other condition where fugitive dust is a problem.
The nano-polymer blend is derived from **plant based, renewable resources**.
Strong resistance to washout.



DIRECTIONS FOR USE

For continuous mining machinery, conveyors, breakers and crushers, dilute 1:1000 (**1 part product to 1000 parts water**).

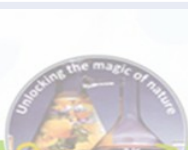
For existing water spray systems: A precision metering pump can be used to feed the concentrate of the product into the spray water feed lines. In-house dilution is recommended. For proper pump sizing, determine the maximum hourly flow rate through the entire system. For each 1000l/h flow rate, a 1l/h dosing pump is needed.

Haul roads: Holds moisture by binding together dust particles. Mix 1:500 for clay soils and 1:300 for sandy soils.

Loading railroad cars: Reduces dust at loading and unloading site (product mixed at 1:1000 water) 5L of the diluted mixture used per ton of coal. Added moisture content is 0,5% to 1% per ton.

SAFETY PRECAUTIONS AND FIRST AID


Eyes: Irritant – flush well with water.
Skin: Non-irritant.
Ingestion: Has a bitter taste – induce vomiting.
Inhalation: No harmful effects



Nano-Block- Dust Suppression additive

Typical label

ESS



Enviro Solutions & Services

Allowing Nature to Heal Herself...

NanoBlock

Nano Polymer Dust Suppressant

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5. Strong resistance to washout.

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2. For existing water spray systems, in-house dilution is recommended.

3. A precision metering pump is used to feed the product from the shipper, into the water feed lines. For proper pump sizing, determine the maximum hourly flow rate through the entire system. For each 1000l/h flow rate, a 1l/h dosing pump is needed.

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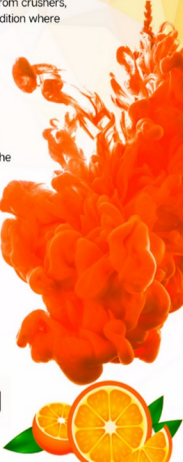
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